

For Research Use Only

# CD69 Recombinant antibody, PBS Only

Catalog Number: 84258-7-PBS



## Basic Information

Catalog Number:

84258-7-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_001781.2

GeneID (NCBI):

969

UNIPROT ID:

Q07108

Full Name:

CD69 molecule

Calculated MW:

23 kDa

Observed MW:

35 kDa

Purification Method:

Protein A purification

CloneNo.:

241552A2

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## Background Information

CD69, also known as AIM, EA-1, Leu-23, and MLR3, is a type II transmembrane glycoprotein that belongs to the C-type lectin superfamily (PMID: 8340758; 7804122). CD69 is constitutively expressed by mature thymocytes, platelets, several subsets of tissue resident immune cells (including resident memory T cells and gamma delta T cells), and is inducibly expressed by activated T cells, B cells, natural killer (NK) cells, monocytes, neutrophils (PMID: 8100776; 28475283). CD69 has been identified as an early activation marker of lymphocytes and is commonly used as a marker of activated lymphocytes and NK cells (PMID: 28475283; 25759842). It is involved in the regulation of immune responses (PMID: 15745855).

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

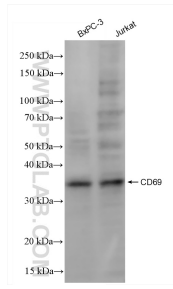
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

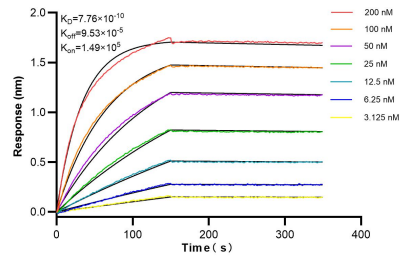
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84258-7-RR (CD69 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84258-7-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84258-7-RR against Human CD69 were performed. The affinity constant is 0.776 nM.